

## MP06 – Research and Publication Ethics (RPE)

### Course structure

- The course comprises of six modules as under:

Modules	Unit title	Teaching hours
<b>Theory</b>		
RPE 01	Philosophy and Ethics	3
RPE 02	Scientific Conduct	5
RPE 03	Publication Ethics	7
<b>Practice</b>		
RPE 04	Open Access Publishing	4
RPE 05	Publication Misconduct	4
RPE 06	Databases and Research Metrics	7
	<b>Total</b>	<b>30</b>

### Syllabus in detail

#### THEORY

- RPE 01: PHILOSOPHY AND ETHICS (3 hrs.)**
  - Introduction to philosophy: definition, nature and scope, concept, branches
  - Ethics: definition, moral philosophy, nature of moral judgements and reactions
- RPE 02: SCIENTIFIC CONDUCT (5hrs.)**
  - Ethics with respect to science and research
  - Intellectual honesty and research integrity
  - Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP)
  - Redundant publications: duplicate and overlapping publications, salami slicing
  - Selective reporting and misrepresentation of data
- RPE 03: PUBLICATION ETHICS (7 hrs.)**
  - Publication ethics: definition, introduction and importance
  - Best practices / standards setting initiatives and guidelines: COPE, WAME, etc.
  - Conflicts of interest
  - Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types
  - Violation of publication ethics, authorship and contributorship
  - Identification of publication misconduct, complaints and appeals
  - Predatory publishers and journals

#### PRACTICE

- RPE 04: OPEN ACCESS PUBLISHING (4 hrs.)**
  - Open access publications and initiatives

2. SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies
3. Software tool to identify predatory publications developed by SPPU
4. Journal finder / journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.

• **RPE 05: PUBLICATION MISCONDUCT (4hrs.)**

**A. Group Discussions (2 hrs.)**

1. Subject specific ethical issues, FFP, authorship
2. Conflicts of interest
3. Complaints and appeals: examples and fraud from India and abroad

**B. Software tools (2 hrs.)**

Use of plagiarism software like Turnitin, Urkund and other open source software tools

• **RPE 06: DATABASES AND RESEARCH METRICS (7hrs.)**

**A. Databases (4 hrs.)**

1. Indexing databases
2. Citation databases: Web of Science, Scopus, etc.

**B. Research Metrics (3 hrs.)**

1. Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score
2. Metrics: h-index, g index, HO index, altmetrics

  
Registrar  
Maharishi Markandeshwar  
(Deemed to be University)  
Mullana-Ambala 133-207

## Members of Ethics Committee

Sr. No.	Name of Member	Qualification	Role/Designation in Ethics Committee
1	Dr. Bimal Kumar Agrawal	MBBS (MD-General Medicine)	Clinician
2	Dr. Vipin Saini	B. Pharm (M. Pharm, Ph.D)	Chair Person
3	Dr. Amit Mittal	MBBS (MD-Radiodiagnosis)	Member Secretary
4	Dr. Gurdev Lal Goyal	MBBS (MD-Physiology)	Basic Medical Scientist
5	Dr. Prem Khosla	MBBS (MD-Pharmacology)	Basic Medical Scientist
6	Dr. Shipra Gupta	B.A (LLB, LLM, Ph.D-Law)	Legal Expert
7	Mr. Vivek Bhatnagar	BCA (MCA-NGO Member)	Social Scientist
8	Mr. Naresh Chauhan	IISC, SSC (BA)	Lay Person
9	Dr. Debdutta Das	BDS (MDS-Oral and Maxillofacial Surgery)	Scientific Member
10	Dr. Sanjeev Gupta	MBBS (MD, DNB-Dermatology)	Clinician

Room  
10/6/22

*[Signature]*  
10-6-22



भारत सरकार  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
पशु कल्याण प्रभाग

पशुओं पर परीक्षण के नियंत्रण एवं पर्यवेक्षण के प्रयोजनार्थ समिति (सीपीसीएआईए)

Government of India  
Ministry of Environment, Forest and Climate Change  
Animal Welfare Division

Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA)



F.No:25/505/2010-AWD

Date: 11/Sep/2018

To,

DR.B.K. Agrawal, Chairman, IAEC  
Maharishi Markandeshwar Institute of Medical Science & Research,  
Maharishi Markandeshwar Institute,  
Mullana - 133 203, Ambala, Haryana  
E-mail:onlybimal@gmail.com/ docraniwalia@gmail.com  
Mobile:8059931341/9815551386

Subject: Renewal of Registration and Reconstitution of Institutional Animals Ethics Committee (IAEC)-regarding

Sir,

The registration of Animal House Facility of your establishment with CPCSEA has been renewed for a period of five years from the date of issue of this letter.

2. The new registration number of Animal House Facility of your establishment is 828/PO/Re/S/04/CPCSEA for Research for Education purpose on small animals i.e. Mice & Rat. Henceforth, the new registration number may kindly be quoted in all your future correspondence with this office.

3. The CPCSEA has accepted the following members recommended by the establishment.

Name of the IAEC Members	Designation in IAEC
1) Dr.B.K Agrawal	Biological Scientist cum Chairperson
2) Dr.Rani Walia	Scientist from different biological discipline cum Member Secretary
3) Dr.Divya Goch	Scientist in charge of Animal House Facility
4) Dr. Sasanka Chakrabarti	Scientist from different biological discipline
5) Dr.Neeraj Parashar	Veterinarian

Cont.

*Arundhati*  
*13/9/18*

*[Signature]*

5वीं तल, वायु ब्लॉक, इंदिरा पर्यावरण भवन, जंग बाग रोड, नई दिल्ली-110003  
टेलीफेक्स : 011-24695424 ईमेल : cpcsea-mef@gov.in, वेबसाइट : http://cpcsea.nic.in

5th Floor, Vayu Block, Indira Paryayaran Bhawan, Jor Bagh Road, New Delhi-110003  
Telefax : 011-24695424, Email : cpcsea-mef@gov.in, Website: http://cpcsea.nic.in



4. CPCSEA hereby nominates the following members to the Institutional Animals Ethics Committee (IAEC) of your establishment:

Details of Nominee(s)	Nominated as
1) Dr. Rajesh Kumar Goel Ex Head & Professor, Deptt of Pharmaceutical Science & Drug Res., Punjabi University, Patiala, Punjab - 147 002 Contact No :9417881189 Email :goelrkpup@gmail.com	Main Nominee
2) Dr. Rupesh K. Gautam Associate Prof. Dept. Of Pharmacology, M.M. School of Pharmacy, M.M. University (NAAC Accredited) Sadopur, Ambala - Chandigarh Highway, Ambala 134007, Haryana Contact No :9413654324 Email :drupeshgautam@gmail.com	Link Nominee
3) Dr. Anurag Kuhad Assistant Professor, Dept of Pharmacology, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh - 160014 Contact No :09915173064 Email :anurag_pu@yahoo.com	Scientist from outside the Institute
4) Dr. Vivek Kumar Dwivedi House No. 288, Sector - 11, Panchkula - 134109, Haryana Contact No :9530662163 Email :drvkdjavanaya@gmail.com	Socially Aware Nominee

(Please note that any change in IAEC members can be made only with prior approval of CPCSEA.)

5. The IAEC is valid for a period of five years and is coterminous with renewed period of registration. IAEC is required to be reconstituted at the time of renewal of registration as per CPCSEA guidelines.

6. You are requested to convene the meeting of the re-constituted IAEC within a period of 30 days and upload the same on the website of the CPCSEA.

Cont.



भारत सरकार  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
पशु कल्याण प्रभाग

पशुओं पर परीक्षण के नियंत्रण एवं पर्यवेक्षण के प्रयोजनार्थ समिति (सीपीसीएसईए)

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-3-

7. It is stated that only above approved IAEC members shall sign, with date, on the attendance sheet of the IAEC meetings, and decisions will be taken only in meetings where quorum is complete. The quorum for holding IAEC meeting is six (6), and CPCSEA Nominees must be present in such meetings. Main Nominee can attend in case main nominee conveys his unavailability in writing to the chairman IAEC. Socially aware member's presence is compulsory in cases referred to CPCSEA and at least in one meeting in a calendar year. Any decision taken in the meetings of IAEC without quorum shall be considered invalid.

8. It is also to inform you that before commencing any research on large animals you are required to send research protocols with due recommendation of IAEC to CPCSEA for further approval (procedure for submission of Research Protocols is available on the website of CPCSEA).

Yours faithfully,

(Jeevan Miaz)

Deputy Secretary (AW) & Member Secretary (CPCSEA)

Copy for necessary action to: Nominees of CPCSEA.

The Main Nominee is requested to ensure that the IAEC meetings are held regularly as stipulated in the SOP of CPCSEA and submit the Annual Inspection Reports of the Animal House Facility regularly on the Website of CPCSEA

5वां तल, वायु ब्लॉक, इंदिरा पर्यावरण भवन, जोर बाग रोड, नई दिल्ली-110003  
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5th Floor, Vayu Block, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi



## CERTIFICATE

*This is to certify that the registration of Animal House Facility of Maharishi Markandeshwar Institute of Medical Science & Research, Ambala, Haryana with CPCSEA has been renewed for Research for Education purpose on Small Animals bearing registration number 828/PO/Re/S/04/CPCSEA.*

*The registration is valid for five years from 11/09/2018 to 10/09/2023.*

  
(Jerome Minz)

Deputy Secretary (AW) & Member Secretary (CPCSEA)

**JEROME MINZ**  
Member Secretary (CPCSEA)  
Min. of Environment, Forest & Climate Change  
Government of India  
Jor Bagh Road, New Delhi